

Ship Mar 4/16

Work Order ID 142234

142234

Item ID: D206-836-011

Accept

N900040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: Crosstube Antenna Mount 206 A/B AFT & 206A/B/L FWD

Start Date: 3/2/2016 Start Qty: 2.00

2 1 SH
2

Cust Item ID:

Required Date: 3/4/2016 Req'd Qty: 2.00

Customer:

Reference:

Approvals: Process Plan: SH Date: 20160303 Tooling: _____ Date: _____
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start *NR1*
Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
GA202-2	A								
100	Document Control	0.00	DAS	6					
			9-89						
100									
DC	Memo	0.00							
Doc.Control -USB or Paperwork	Photocopy bluefile and create labels as per PPP D206-836-011		CH001	DAS					
			9						
			9-89						
110	Pick Kit	0.00							
110									
Packaging	Memo	0.00							
Packaging									
120	QC4- 100% Inspect kits for completeness	0.00							
120									
QC	Memo	0.00							
Quality Control									

MAR 04 2016

DAS
6
9-89

DAS
26
9-89

① 160304

DAS
9
9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QS1042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : ☐					

Work Order ID 142234

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142234

Page 2

Item ID: D206-836-011

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Crosstube Antenna Mount 206 A/B AFT & 206A/B/L FWD

Start Date: 3/2/2016 Start Qty: 2.00

2

Cust Item ID:

Required Date: 3/4/2016 Req'd Qty: 2.00

2

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start ***NR1***
Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130		0.00							
130									
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP D206-836-011 Location : FG122								
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.00							
Quality Control									

DAS
27
0-09
MAR 04 2016DAS
16
9-03
16/03/0420160304
SH

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition			
				Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
☐ OTHER : _____					

Picklist Print

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Page 1

Work Order ID: 142234

142234

Parent Item: D206-836-011

D206-836-011

Parent Item Name: Crosstube Antenna Mount 206 A/B AFT & 206A/B/L FWD

Start Date: 3/2/2016

Required Date: 3/4/2016

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP REV:A 13.05.28 NEW ISSUE DD VERF:JLM
REV:B 13.07.18 AS PER ECN13-561 DD VERF:JLM IPP

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D4853-3 *D4853-3* Top Bracket (Replaces P/N G13013-5)		Manufactured	No				Each	28.0000	**	1 2			
				<u>Location</u>			<u>Loc Qty</u>	<u>Loc Code</u>					
				ST519			28						
				109076			28						
D4854-3 *D4854-3* Lower Bracket (Replaces P/N G13013-6)		Manufactured	No				Each	29.0000	**	1 2			
				<u>Location</u>			<u>Loc Qty</u>	<u>Loc Code</u>					
				st526			29						
				104866			1						
				109081			28						
D4855-1 *D4855-1* Antenna Bracket (Replaces P/N G13013-3)		Manufactured	No				Each	2.0000	**	1 2			
				<u>Location</u>			<u>Loc Qty</u>	<u>Loc Code</u>					
				ST521			2						
				141363			2						

MAR 04 2016

Picklist Print

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Page 2

Work Order ID: 142234

142234

Parent Item: D206-836-011

D206-836-011

Parent Item Name: Crosstube Antenna Mount 206 A/B AFT & 206A/B/L FWD

Start Date: 3/2/2016

Required Date: 3/4/2016

Start Qty: 2.00

Required Qty: 2.00

D2732-030

Manufactured No

Each 126.0000

D2732-030
Rubber Cushion - 3" DAS 9-89

**

DAS 6 9-89

DAS 26 9-89

Location

Loc Qty

Loc Code

FG

22

135594

22

ST410

104

140707

24

142155

80

AN4-16A

Purchased No

Each 227.0000

AN4-16A
Bolt DAS 9-89

**

DAS 6 9-89

DAS 26 9-89

Location

Loc Qty

Loc Code

FG

5

121541

5

ST343

222

M134055

22

M134134

200

AN4-11A

Purchased No

Each 78.0000

AN4-11A
BOLT DAS 9-89

**

DAS 6 9-89

DAS 26 9-89

Location

Loc Qty

Loc Code

FG

20

120731

20

ST344

58

M133234

58

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Shop Packet Print

Page 2

Picklist Print

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Page 3

Work Order ID: 142234

142234

Parent Item: D206-836-011

D206-836-011

Parent Item Name: Crosstube Antenna Mount 206 A/B AFT & 206A/B/L FWD

Start Date: 3/2/2016

Required Date: 3/4/2016

Start Qty: 2.00

Required Qty: 2.00

NAS1149D0432J

Purchased

No

Each

394.0000

8 46

DAS

6

9-89

DAS

26

9-89

NAS1149D0432J

WASHER

9-89

Location

Loc Qty

Loc Code

GA

213

m131026

213

ST269

181

m131026

181

Each

2,033.000

8 46
4 8

**

MS21042L4

Purchased

No

MS21042L4

Locknut

DAS
9-89

Location

Loc Qty

Loc Code

FP001

37

m133363

37

GA

471

m133769

471

ST303

1428

m134055

1428

ST305

97

m130922

97

DAS

6

9-89

DAS

26

9-89

MAR 11 4 2016

DAS
9-88
1603-04

5. PARTS LIST

Qty -011	Qty -013	Qty -015	Qty -017	Qty -111	Part Number	Description
X					D206-836-011	CROSSTUBE ANTENNA MOUNT KIT 206A/B AND 206L FWD (P162-206)
	X				D206-836-013	CROSSTUBE ANTENNA MOUNT KIT 206L AFT (P162-206L)
		X			D407-836-015	CROSSTUBE ANTENNA MOUNT KIT 407 FWD (P162-407F)
			X		D407-836-017	CROSSTUBE ANTENNA MOUNT KIT 407 AFT (P162-407A)
				X	D206-836-111	CROSSTUBE ANTENNA MOUNT KIT UNIVERSAL (P162-U)
			1	1	D4853-1	TOP BRACKET (REPLACES P/N G13013-1)
				1	D4853-3	TOP BRACKET (REPLACES P/N G13013-5)
		1		1	D4853-5	TOP BRACKET (REPLACES P/N G13013-7)
	1			1	D4853-7	TOP BRACKET (REPLACES P/N G13013-9)
			1	1	D4854-1	LOWER BRACKET (REPLACES P/N G13013-2)
				1	D4854-3	LOWER BRACKET (REPLACES P/N G13013-6)
		1		1	D4854-5	LOWER BRACKET (REPLACES P/N G13013-8)
	1			1	D4854-7	LOWER BRACKET (REPLACES P/N G13013-10)
	1	1	1	1	D4855-1	ANTENNA BRACKET (REPLACES P/N G13013-3)
	2	2	2	2	Ø2732-030	RUBBER CUSHION (REPLACES P/N G13013-4)
	2	2	2	2	AN4-16A	BOLT
	2	2	2	2	AN4-11A	BOLT
	8	8	8	8	NAS1149D0432J	WASHER
	4	4	4	4	MS21042L4	LOCKNUT

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Revision: A
Date: 13.05.15

Ship Mar 4/16

Work Order ID 142234

March 03, 2016 8:51:03 AM

142234

Page 1

Item ID: D206-836-011

Accept

N900040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: Crosstube Antenna Mount 206 A/B AFT & 206A/B/L FWD

Start Date: 3/2/2016 Start Qty: 2.00

2 1 SH
3

Cust Item ID:

Required Date: 3/4/2016 Req'd Qty: 2.00

Customer:

Reference:

Approvals: Process Plan: SH Date: 20160303 Tooling: _____ Date: _____
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start *NR1*
Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
100	Document Control	0.00	DAS 6 9-08						
100									
DC	Memo	0.00							
Doc.Control -USB or Paperwork Photocopy bluefile and create labels as per PPP D206-836-011 CH001									
110	Pick Kit	0.00							
110									
Packaging	Memo	0.00							
Packaging									
120	QC4- 100% Inspect kits for completeness	0.00							
120									
QC	Memo	0.00							
Quality Control									

SH 20160303

MAR 04 2016